

ABSTRACT OF DISCLOSURE

A job queuing server 3 is comprised of: a history saving function 104 for saving thereinto the respective job execution histories of the plurality of jobs which were executed in the past; a job history referring function 101 operated in such a manner that while a job selection method is executed by which a job is selected from the job execution history, and the job is resembled to the execution-subject job and was executed in the past, a resource amount required when the execution-subject job is executed is predicted; a server resource managing function 102 operated in such a manner that while both a total resource amount saved by each of the plural computers and also used resource amounts used by the respective computers are managed in the format of a server resource management table, a list is made of such a computer that a summed resource amount does not exceed the total resource amount saved by the computer, and further, a load thereof becomes minimum, the summed resource amount being calculated between the predicted resource amount of the execution-subject job and the used resource amount obtained with reference to the server resource management table; and a job distributing function 103 for selecting such a computer whose load becomes minimum from the list and for distributing the entered job to the selected computer.